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ATTENTION: APPLICATION BRANCH

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Chihlung Lin**

For: **DATA REPRESENTATION AND RETRIEVAL METHOD AND APPARATUS FOR HIGH SPEED
DATA SEARCH AND RETRIEVAL**

- (X) 8 sheet(s) of drawings.
- (X) 25 pages of specification, claims and abstract.
- (X) **UNSIGNED** declaration and power of attorney.
- (X) Return prepaid postcard.

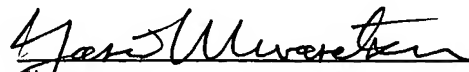
CLAIMS AS FILED

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$770	\$770
Total Claims	20 - 20 =	0 ×	\$18	\$0
Independent Claims	2 - 3 =	1 ×	\$86	\$0
If application contains any multiple dependent claims(s), then add			\$290	\$0
			TOTAL FILING FEE	\$770

- (X) A check in the amount of \$770 to cover the filing fee is enclosed.

SEND ALL CORRESPONDENCE TO:

MURAMATSU & ASSOCIATES
7700 Irvine Center Drive
Suite 225
Irvine, CA 92618
Tel: (949) 753-1127


Signature

Yasuo Muramatsu
Printed Name

38,684
Registration Number

law offices of
Muramatsu & Associates
7700 Irvine Center Drive, Suite 225
Irvine, CA 92618, U.S.A.

Tel (949) 753-1127
Fax (949) 753-1071
E-mail: muramat@ix.netcom.com

December 12, 2003

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : ALPINE.039AUS

Applicant(s) : Chihlung Lin

For : DATA REPRESENTATION AND
RETRIEVAL METHOD AND APPARATUS
FOR HIGH SPEED DATA SEARCH AND
RETRIEVAL

Attorney : Yasuo Muramatsu

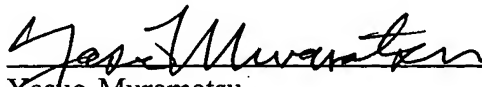
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I hereby certify that the accompanying

Transmittal; a patent application in 25 pages of specification and 8 sheets of
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are being deposited with the United States Postal Service "Express Mail Post Office to
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Yasuo Muramatsu